

ER Site No. 19: TRUPAK Boneyard Storage Area (NW End of Old Aerial Cable)

ADS: 1332

Operable Unit: Foothills Test Area

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Site History

The TRUPACT Boneyard is located in a small canyon approximately 1500 ft west of ([ER Site 82](#)), Old Aerial Cable Site [now the Phillips Laboratory High Energy Research Test Facility (HERTF)]. The site is two acres in area, bounded by a fence, and has a locked gate at the entrance.

All debris previously stored at the site has been removed. The site is presently inactive, except for routine inspection by the 6000 organization, which is responsible for the site.

The site was established in 1980 as a storage area for test hardware from the Old Aerial Cable Site. The site was used strictly as storage; no testing occurred at the Boneyard site, and no materials were burned there. The site was closed in the mid-1980s when it came under the control of the 6000 Group (Environmental Programs).

The materials that were stored at the boneyard are described below:

- TRUPACT Shipping Casks, not contaminated. The casks were removed from the site around May 1990.
- Packing foam, not contaminated. The foam was analyzed for contaminants and found to be clean. The material was removed from the site in May 1990.
- Sixty-seven 55-gal. drums labeled "Fissile Nuclear Material," not contaminated. The drums were screened for radiation and declared uncontaminated. They were removed from the site in May 1990.
- GGASP (Gravel Gertie Aerosol Sampling Package). This unit was contaminated internally, but external contamination is unknown. It was removed from the site in October 1989.

- One 15,000-lb lead shipping cask. There is potential lead contamination in the soils in this area. No soil samples have been collected around the lead shipping cask. The lead shipping cask was removed in October 1989.
- Three 40-ft flatbed trailers that have known radiation contamination were removed in May 1996. There was also known radiation contamination in the soils around the trailers that was remediated in June 1996.
- One winch and two radiation-contaminated blast shields were removed in May 1996.
- Helicopter Accident Resistant-Containers. The units were not contaminated and were removed from the site around May 1990.
- Potentially contaminated scrap aluminum (truck cabs) were removed in May 1996.

Constituents of Concern

Five radioactive anomalies were detected by the surface radiation survey conducted on January 23, 1994. These anomalies are in the area of the contaminated trailers and range from 160 to 650 cps. Background readings at the site are 150 cps. Contaminated material detected in this area during the survey includes scrap metal and soil.

Current Hazards

There are no current hazards at this site related to contamination of the surface or subsurface soils. There may be structures or stored materials that remain at the site that are a potential hazard.

Current Status of Work

All contaminated materials and non-contaminated materials have been removed from the site. A risk assessment has been conducted on post-cleanup soil data. The risk was found to be acceptable and an No Further Action (NFA) proposal was submitted in September 1997. This site was accepted for NFA by NMED in June 1999. The NFA was approved by NMED on July 2000 after completing the public review and permit modification process. A housekeeping to remove minor surface debris scattered throughout the site was conducted in July 2001.

Future Work Planned

No further work is planned for this site.

Waste Volume Estimated/Generated

Nineteen 55-gallon drums of radioactive waste and 55 cubic yards of radioactively-contaminated metals were generated at this site. In addition, 0.5 cubic yards of non-hazardous waste, 1 radioactively-contaminated metal bar, and 1 lead tube were generated at the site during the housekeeping conducted in July 2001.

Information for ER Site 19 was last updated Nov 7, 2001.